



WELTON
RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE
**MEDICAL OFFICER OF HEALTH
AND SANITARY INSPECTOR**

FOR THE YEAR

1942

LINCOLN :
DONCASTERS LTD., MINT LANE

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WELTON RURAL DISTRICT COUNCIL.

Chairman : Mr. H. P. STAMP, Faldingworth.

Vice-Chairman : Mr. W. S. HIPKIN, Torksey.

Treasurer : NATIONAL PROVINCIAL BANK LIMITED, Lincoln.

Clerk : Mr. ROBERT EPTON, Solicitor, Lincoln.

Deputy Clerk : Mr. WILLIAM EPTON, Solicitor, Lincoln. (*On Service*).

Medical Officer of Health : Dr. W. SHARRARD, The Avenue, Lincoln.

Sanitary Inspector, Surveyor and Water-works Manager :
Mr. F. L. LEACH, F.F.A.S., M.S.I.A.

Financial Officer . Mr. F. FOSTER,

Rating and Valuation Officer :
Mr. L. H. KING.

Council Offices :

31 CLASKETGATE, LINCOLN.

Telephone 8617.

Waterworks Pumping Stations :

WELTON and BARDNEY.

The Chairman and Vice-Chairman act as *ex-officio* members of all Committees and Sub-Committees of the Council (except the Rating Committee).

On War Service, Sanitary Dept. : P. NEWLOVE and F. KEMP.

To THE RURAL DISTRICT COUNCIL OF WELTON.

Mr. Chairman, Ladies and Gentlemen.

As your Medical Officer of Health I have pleasure in presenting before you my 23rd Annual Report. As requested by the Ministry of Health, only essential information should be published, and that briefly.

Statistics and Social Conditions in the Area.

| | | |
|--|---------|---------------------------------------|
| Area | | 83,712 acres. |
| Population, 1942 | | 12,800 |
| Number of Inhabited Houses, 1941 | | 3,825 |
| " " " " 1942 | | 3,823 |
| Number of families or separate occupiers, 1931 | | 3,079 |
| Rateable Value, 1942 | | £52,190 (<i>i.e.</i> + £1,148) |
| Penny Rate | | £216 5s. 8d. (<i>i.e.</i> + 5s. 8d.) |

VITAL STATISTICS.

| | | | | |
|---|---------------------------|-----|----|--|
| Live Births :— | Total | M. | F. | |
| Legitimate | 222 | 128 | 94 | Birth Rate 18.2 per 1,000 |
| Illegitimate | 11 | 6 | 5 | |
| Still Births | 7 | 3 | 4 | Rate per 1,000. total births, 29. |
| Death | 155 | 80 | 75 | Crude Death Rate 12.1. |
| Number of women dying in, or in consequence of, childbirth | .. | .. | .. | <div style="display: flex; justify-content: flex-end;"> <div style="text-align: right;"> { from sepsis 0 { from other causes 0 Rate per 1,000 Births 0 </div> </div> |
| Deaths of Infants under one year of age, per 1,000 births | .. | .. | .. | Total 51.5. |
| Deaths from Measles (all ages) | .. | .. | .. | 1 |
| „ „ Whooping Cough (all ages) | .. | .. | .. | 0 |
| „ „ Diarrhoea (under 2 years of age) | .. | .. | .. | 1 |
| „ „ Smallpox, Nil. | | | | 0 |
| „ „ Diphtheria | .. | .. | .. | 0 |
| Cancer was accountable for 14.2% (14% for County) of the deaths : | total number of cases 22. | | | |
| Cerebral Hæmorrhage, 8.4% of the deaths. | | | | |
| Heart Disease 26.5 and Influenza .6% Pheumonia .6% | | | | |
| Infantile Mortality is just above that for England and Wales. | | | | |

GENERAL PROVISION of HEALTH SERVICES for the AREA.

These were pretty well the same as in the year previous.

SANITARY CIRCUMSTANCES OF THE AREA.

Water. Samples taken.

| | 1927-1937 | 1938 | 1939 | 1940 | 1941 | 1942 |
|------------|-----------|------|------|------|------|------|
| Found good | 45 | 9 | 9 | 6 | 6 | 6 |
| Found bad | 61 | 1 | 2 | 6 | 1 | 2 |

General Water Supply.

Thirty-two villages have a piped supply, and of these four are supplied by Lincoln Corporation.

Nearly 117½ million gallons of water were used during the year, this being very nearly 50% more than the previous year.

Approval was sanctioned by the Ministry of Health for your Council to proceed with the water softening plant, and this was opened in November.

Housing.

No Council houses were erected ; a large number will be required after the war and these must have as many labour saving devices as possible, otherwise the farming community will suffer very badly if the rural worker is forced to migrate to urban and city life. Private enterprise in rural areas is never able to provide houses for these types of workers, hence financial assistance must be given. A very acute shortage of houses is already prevalent and overcrowding is taking place, due to evacuees and war conditions.

Owners of property give orders for repairs to be carried out, but weeks elapse before these can be done, labour and material always being difficult to obtain.

Sewage.

As previous reports show, there are several villages where schemes are held up until after the war.

Scavenging.

This work is still being carried out by contract, as in my previous report, and a few complaints were received.

Salvage.

About 75 tons of paper have been collected. The W.V.S. have undertaken the work with no cost on the rates except transport.

Inspection and Supervision of Foods.

Bakehouses. Constant inspection was found necessary.

Attention has been given to this class of work and cases of warning were necessary. Most of this work is controlled through government and central channels. A large amount of tinned foods was, however, condemned.

Dairies and Cowsheds.

Special attention has been given to this class of work, although the farmer has been severely handicapped by labour shortage, and by the demand for increased food production work. There is room for improvement as previously advocated in my former reports.

Fire Brigade Services.

These are now administered by the N.F.S. In case of fire Telephone Lincoln 855 or 626.

Infectious Diseases. Situation :

Scarlet Fever.—Bardney 1, Cherry Willingham 2, Goltho 1, Owmbly 1, Holton Beckering 5, Reepham 1, Saxilby 1, Thorpe-le-Fallows 1, Scothern 1, Welton 1.

Cerebro Spinal Fever.—Brattleby 1.

Diphtheria.—Bullington 1, Cherry Willingham 1, Holton Beckering 1, Stainfield 1, Scothern 1.

Measles was general over the district, fortunately only one death occurred from this disease.

Prevalence of, and Control over, Infectious Diseases.

| DISEASES | TOTAL CASES NOTIFIED | CASES ADMITTED TO HOSPITAL | TOTAL DEATHS |
|------------------------------------|----------------------------|----------------------------------|-----------------|
| Ophthalmia Neonatorum | — | — | — |
| Small Pox | — | — | — |
| Scarlet Fever | 15 | 6 | — |
| Diphtheria | 5 | 5 | — |
| Enteric Fever (Paratyphoid) | — | — | — |
| Puerperal Pyrexia | — | — | — |
| Pneumonia | 2 | — | 1 |
| Erysipelas | 3 | — | — |
| Encephalitis Lethargica | — | — | — |
| Whooping Cough | — | — | — |
| Measles | 88 | — | 1 |
| Cerebro Spinal Meningitis | 1 | 1 | — |

Tuberculosis—New Cases in 1942.

| Pulmonary | | Non-Pulmonary | |
|-----------|--------|---------------|--------|
| Male | Female | Male | Female |
| 10 | 7 | 1 | 2 |

SANITARY CONDITIONS OF THE AREA for 1942.

| | |
|--|----------|
| Total No. of New Houses erected during the year | 0 |
| (1) By Local Authority | 0 |
| (2) By other Local Authorities | 0 |
| (3) By other bodies or persons | 0 |

1. Inspection of Dwelling-houses during the year.

| | |
|--|----|
| (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) | 59 |
| (b) Number of inspections made for the purpose .. | 71 |
| (2) (a) No. of dwelling-houses (included under Sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 .. | 21 |
| (b) No. of inspections made for the purpose | 25 |
| (3) No. of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | 0 |
| (4) No. of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation | 0 |

2. Remedy of Defects during the year without Service of Formal Notice.

No. of Defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers

43

3. Action under Statutory Powers during the year.

(a) Proceedings under Section 9, 10 and 36 of the Housing Act, 1936 :—

(1) No. of dwelling-houses in respect of which notices were served requiring repairs 0

(2) No. of dwelling-houses which were rendered fit after service of formal notices :—

(a) by owners 0

(b) by Local Authority in default of owners .. 0

(b) Proceedings under Public Health Acts :—

(1) No. of dwelling-houses in respect of which notices were served requiring defects to be remedied .. 3

(2) No. of dwelling-houses in which defects were remedied after service of formal notice :—

(a) by owners 3

(b) by Local Authority in default of owners .. 0

(c) Proceedings under section 11 and 13 of the Housing Act, 1936 :—

(1) No. of dwelling-houses in respect of which Demolition Orders were made 0

(2) No. of dwelling-houses demolished in pursuance of Demolition Orders 0

(3) No. of dwelling-houses subject to undertakings .. 0

(d) Proceedings under section 12 of the Housing Act, 1936 :

(1) No. of separate tenements or underground rooms in respect of which Closing Orders were made 0

(2) No. of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement or room having been rendered fit 0

4. Housing Act, 1936—Part IV.—Overcrowding.

(a) (1) No. of dwelling-houses overcrowded at the end of the year 24

(2) Number of families dwelling therein 36

(3) Number of persons dwelling therein 142

(b) No. of new cases of overcrowding reported during the year 14

(c) (1) No. of cases of overcrowding relieved during the year 6

(2) No. of persons concerned in such case 28

(d) Number of houses again overcrowded after being previously relieved 0

| | | | | | | | |
|------------------------------|----|----|----|----|----|----|-----|
| Common Lodging Houses | .. | .. | .. | .. | .. | .. | Nil |
|------------------------------|----|----|----|----|----|----|-----|

| | | | | | | | |
|---|----|----|----|----|----|----|-----|
| Canal Boats used as Dwelling houses- | .. | .. | .. | .. | .. | .. | Nil |
|---|----|----|----|----|----|----|-----|

Movable Dwellings, Tents, Vans, etc.

| | | | | | | | |
|-----------------------------------|----|----|----|----|----|----|----|
| No. inspected during year | .. | .. | .. | .. | .. | .. | 26 |
| No. of nuisances therefrom abated | .. | .. | .. | .. | .. | .. | 6 |
| No. removed from district | .. | .. | .. | .. | .. | .. | 0 |

General Conditions.

Bakehouses.

| | | | | | | | |
|--------------------------------|----|----|----|----|----|----|-----|
| No. in district | .. | .. | .. | .. | .. | .. | 10 |
| No. of underground bakehouses | .. | .. | .. | .. | .. | .. | Nil |
| No. of inspections | .. | .. | .. | .. | .. | .. | 21 |
| Contraventions of Factory Acts | .. | .. | .. | .. | .. | .. | 2 |
| Defects remedied | .. | .. | .. | .. | .. | .. | 2 |

Slaughterhouses—Not in use during the war.

| | | | | | | | |
|----------------------------|----|----|----|----|----|----|----|
| No. on register | .. | .. | .. | .. | .. | .. | 13 |
| No. of inspections | .. | .. | .. | .. | .. | .. | 0 |
| Contraventions of bye-laws | .. | .. | .. | .. | .. | .. | 0 |
| Defects amended | .. | .. | .. | .. | .. | .. | 0 |

Cowsheds.

| | | | | | | | |
|-------------------------------|----|----|----|----|----|----|------|
| No. on register | .. | .. | .. | .. | .. | .. | 247 |
| No. of inspections | .. | .. | .. | .. | .. | .. | 146 |
| Contraventions of regulations | .. | .. | .. | .. | .. | .. | 31 |
| Contraventions remedied | .. | .. | .. | .. | .. | .. | 28 |
| No. of milch cows in district | .. | .. | .. | .. | .. | .. | 1350 |

Dairies and Milk Shops.

| | | | | | | | |
|--|----|----|----|----|----|----|-----|
| No. on register | .. | .. | .. | .. | .. | .. | 20 |
| No. of inspections | .. | .. | .. | .. | .. | .. | 12 |
| Contraventions of regulations | .. | .. | .. | .. | .. | .. | 4 |
| Contraventions remedied | .. | .. | .. | .. | .. | .. | 4 |
| Any instance of disease attributed to milk during the year | .. | .. | .. | .. | .. | .. | Nil |

Shops Act, 1934.

| | | | | | | | |
|-----------------------------------|----|----|----|----|----|----|----|
| No. of shops inspected | .. | .. | .. | .. | .. | .. | 20 |
| Additional heating or ventilation | .. | .. | .. | .. | .. | .. | 0 |
| Additional sanitary conveniences | .. | .. | .. | .. | .. | .. | 1 |

Water Supply.

| | | | | | | | | |
|---------------|---|--|----|----|----|------------|----|---|
| Wells | { | New sunk | .. | .. | .. | .. | .. | 0 |
| | | Cleansed, repaired | .. | .. | .. | .. | .. | 3 |
| | | Closed, as polluted | .. | .. | .. | .. | .. | 0 |
| Public Supply | { | Area supplied | .. | .. | .. | .. | .. | 0 |
| | | Percentage of houses supplied | .. | .. | .. | 65% to 75% | .. | 0 |
| | | New cisterns provided | .. | .. | .. | .. | .. | 0 |
| | | Cisterns cleansed, repaired, covered, etc. | .. | .. | .. | .. | .. | 0 |

| | | | | |
|--|----|----|----|-----|
| No. of samples obtained for analysis | .. | .. | .. | 8 |
| (a) from wells | .. | .. | .. | 2 |
| (b) from public supply | .. | .. | .. | 6 |
| Any insufficiency and where—in remote villages | .. | | | yes |

Drainage and Sewerage—Closets.

| | | | |
|--|----|----|------|
| No. of houses with privy vaults in district | .. | .. | 1123 |
| No. of houses with pail closets in district | .. | .. | 1406 |
| No. of pail closets substituted for privy vaults | .. | .. | 0 |
| No. of pail closets required | .. | .. | 12 |
| No. of water-closets substituted for dry receptacles | .. | .. | 0 |
| No. of houses with water-closets in district | .. | .. | 624 |
| No. of water-closets repaired | .. | .. | 26 |

Drains.

| | | | | |
|--|----|----|----|----|
| Drains examined, tested, exposed, etc. | .. | .. | .. | 16 |
| Drains unstopped, repaired, trapped, etc. | .. | .. | .. | 18 |
| Waste pipes, rain water pipes disconnected, repaired, etc. | | | | 4 |
| New soil pipes or ventilating shafts fixed | .. | .. | .. | 0 |
| Existing soil pipes or ventilating shafts repaired | .. | .. | .. | 6 |
| Drains reconstructed | .. | .. | .. | 0 |

Sewers.

| | | | | | |
|---------------------------|----|----|----|----|---|
| New lengths of sewer laid | .. | .. | .. | .. | 0 |
|---------------------------|----|----|----|----|---|

Tanks, Filter Beds, etc.

| | | | | |
|--|----|----------------------------|-----|---|
| Alterations to sewage disposal works | .. | .. | .. | 0 |
| Any inadequacy of sewage disposal works or complaints as before as to smells | .. | Bardney and other villages | | |
| | | same as 1940 | Yes | |

Cesspools.

| | | | | | |
|-----------------------------------|----|----|----|----|-----|
| Cesspools rendered impervious | .. | .. | .. | .. | 1 |
| Cesspools emptied, cleansed, etc. | .. | .. | .. | .. | 459 |
| Cesspools abolished | .. | .. | .. | .. | 0 |

Disinfection.

| | | | | | | |
|-----------------------------------|----|----|----|----|----|----|
| Rooms disinfected | .. | .. | .. | .. | .. | 24 |
| (a) ordinary infectious disease | .. | .. | .. | .. | .. | 21 |
| (b) tuberculosis | .. | .. | .. | .. | .. | 3 |
| Rooms stripped and cleansed | .. | .. | .. | .. | .. | 12 |
| Articles disinfected or destroyed | .. | .. | .. | .. | .. | 20 |
| (a) ordinary infectious disease | .. | .. | .. | .. | .. | 20 |
| (b) tuberculosis | .. | .. | .. | .. | .. | 0 |

House Refuse.

| | | | | | |
|-------------------------------------|----|----|----|----|----------------|
| No. of covered ashpits | .. | .. | .. | .. | not known |
| No. of uncovered ashpits | .. | .. | .. | .. | not known |
| No. of bins substituted for ashpits | .. | .. | .. | .. | 1 |
| No. of houses using bins | .. | .. | .. | .. | 1618 |
| No. of complaints of non-removal | .. | .. | .. | .. | a few |
| Method of final disposal | .. | .. | .. | .. | controlled tip |

Nuisances.

Total No. of nuisances during year :—

| | |
|---|----|
| (1) Abated as result of informal action by Sanitary Inspector | 32 |
| (2) Reported to Council (Statutory notice issued) .. | 0 |

Details of Nuisances abated.

After informal information :—

| | |
|--|----|
| Overcrowding | 14 |
| Smoke | 0 |
| Accumulation of refuse | 14 |
| Foul ditches, ponds and stagnant water | 6 |
| Foul pigs and other animals | 10 |
| Dampness | 2 |
| Yards re-paved or repaired | 4 |
| Other nuisances | 12 |

GENERAL REMARKS.

Diphtheria Immunisation.

This important matter is being pushed forward at as fast a pace as possible in order to ensure as much protection as possible for our young children. At the end of 1942 we had about 19.5% of children under 5 and 32.3% of these over five and under fifteen immunised and so protected. A concerted effort is being made to improve these figures.

Food values are still very much to the fore and the harvests we are getting betoken amazing work and resource on the part of our people. In this connection the question of Milk is rather worrying. Owing to shortage of staff there is no doubt that many improvements are postponed, but the question of germs in milk and poor keeping qualities are dependent on cleanliness alone, which is a prime rule of life, let alone of milking. The number of samples showing B.coli present is increasing markedly, and as B.coli comes from fæces, or possibly urine, carelessness is apparent.

The increase in other germs, such as T.B. in the milk, with its consequent effect on children, particularly in relation to tuberculosis glands, demands our urgent consideration.

The rise in the incidence of tuberculosis, both in pulmonary and non-pulmonary, is a great worry and must make us do everything to counter the menace as, for instance by mass radiography and the best feeding possible for all suspect cases.

With my sincere thanks to your Sanitary Inspector who has carried on despite very many and great difficulties.

I have the honour to be,

Your obedient servant,

W. SHARRARD.

APPENDIX I.

CAUSES OF DEATH.

| | M | F | | M | F |
|--|----|----|--|----|----|
| 1 Typhoid and para-typhoid fevers ... | | | 19 Pneumonia (all forms) | 1 | |
| 2 Cerebro-spinal fever | | | 20 Other respiratory diseases ... | | |
| 3 Scarlet fever ... | | | 21 Pepticulcer ... | | |
| 4 Whooping cough ... | | | 22 Aneurysm ... | | |
| 5 Diphtheria ... | | | 23 Cirrosis of liver ... | | |
| 6 Tuberculosis of respiratory system ... | 6 | 4 | 24 Other diseases of liver, etc. ... | | |
| 7 Other tuberculosis diseases ... | 2 | | 25 Diarrhœa, etc (under 2 years) ... | | 1 |
| 8 Syphilis ... | 1 | 1 | 26 Appendicitis ... | 1 | 1 |
| 9 Influenza ... | 1 | | 27 Other digestive diseases ... | | 3 |
| 10 Measles ... | | 1 | 28 Acute and chronic nephritis ... | | 5 |
| 11 Encephalitis lethargica | | | 29 Puerperal sepsis ... | | |
| 12 General paralysis of the insane, tabes dorsalis ... | | | 30 Other puerperal diseases ... | | |
| 13 Cancer, malignant disease ... | 6 | 16 | 31 Congenital debility, premature birth, malformations, etc. | 4 | 4 |
| 14 Diabetes ... | 2 | | 32 Suicide ... | | |
| 15 Cerebral hæmorrhage, etc. ... | 5 | 8 | 33 Road Traffic Accident | 3 | |
| 16 Heart disease ... | 27 | 12 | 34 Other violence ... | 2 | 4 |
| 17 Other circulatory diseases ... | 4 | 1 | 35 All other causes ... | 13 | 10 |
| 18 Bronchitis ... | 2 | 4 | All causes ... | 80 | 75 |

| | M. | F. |
|--|----|----|
| Deaths of Infants under 1 year :—Total ... | 7 | 5 |
| Legitimate ... | 6 | 5 |
| Illegitimate ... | 1 | 0 |

| | For I.M. | |
|------------------|----------|----|
| | M. | F. |
| Live Births— | | |
| Total ... | 134 | 99 |
| Legitimate ... | 128 | 94 |
| Illegitimate ... | 6 | 5 |

| | | |
|-----------------------|---|---|
| Stillbirths—Total ... | 3 | 4 |
| Legitimate ... | 3 | 4 |
| Illegitimate ... | 0 | 0 |

| | |
|----------------|--------|
| Population ... | 12,800 |
|----------------|--------|

APPENDIX II

BIRTH-RATES, DEATH-RATES, AND ANALYSIS OF MORTALITY DURING THE YEAR 1942.

| | Birth Rate per 1,000 Total population | | Annual Death-rate per 1,000 Population | | | | | | | | Rate per live 1 000 Births | |
|--|---|--------------|--|--------------------------------------|-----------|---------|---------------|-------------------|------------|-----------|---|------------------------------|
| | Live Births | Still-births | All Causes | Typhoid and Para-Typhoid Fever | Small-pox | Measles | Scarlet Fever | Whooping Cough | Diphtheria | Influenza | Diarrhoea and Enteritis (under 2 years) | Total Deaths under 1 year |
| England and Wales | 15.8 | 0.54 | 11.6 | 0.90 | 0.00 | .01 | .00 | .02 | .05 | .09 | 5.2 | 49 |
| 126 County Boroughs and Great Towns, including London ... | 17.3 | 0.66 | 13.3 | 0.00 | 0.00 | .02 | .00 | .03 | .06 | .09 | 7.5 | 59 |
| 148 Smaller Towns (Estimated Resident Populations 25,000 to 50,000 at Census 1931) | 18.4 | 0.62 | 12.1 | 0.00 | 0.00 | .01 | .00 | .02 | .04 | 0.10 | 4.8 | 46 |
| London | 14. | 0.48 | 13.9 | 0.01 | 0.00 | .01 | .00 | .04 | .02 | 0.07 | 8.6 | 60 |
| WELTON | 18.2 | .54 | 12.1 | 0.00 | 0.00 | .08 | 0.00 | 0.00 | 0.00 | .08 | 4.3 | 51.5 |

